

FILLING DEVICE HAVING LATERAL FILLING WINDOWS

BACKGROUND OF THE INVENTION

[0001] The present invention relates to a filling device and a method for filling writing instruments, as are available under the name Senator "Aqua-Maler", for example, cf. instructions for Aqua-Maler, commercially available. "Writing" includes all ways of applying a marking to a surface, such as painting, ornamentation, and filling out forms.

[0002] A known writing instrument has a reservoir positioned in the housing for the refillable writing material, into which a wick-like part of the writing tip, which is exposed at one end of the housing, projects. The housing is open at the other end for refilling and may be sealed closed by a separate cap.

[0003] It is the object of the present invention to significantly simplify the filling, refilling, or replenishing of the writing instrument for the user, in particular accelerate it.

BRIEF DESCRIPTION OF THE DRAWINGS

[0004] The present invention will be described in greater detail in the following with reference to schematic figures on the basis of an exemplary embodiment.

[0005] Figure 1 is a writing instrument or painting instrument having the filling device according to an exemplary embodiment of the present invention in a side view, the instrument and the filling device being in the filling position.

[0006] Figure 2 is an axial section through the instrument shown in Figure 1 along section line II-II in Figure 1.

[0007] Figure 3 shows the instrument shown in Figure 1 in a position rotated around the axis 100 by 90°.

[0008] Figure 4 shows the instrument shown in Figure 1 in a perspective view, the filling device being located in the filling position.